

# ITU Digital Financial Services Security Lab

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<http://www.itu.int/go/dfssl>

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# DFS Security Recommendations overview

## Recommendations to protect against DFS SIM related risks like SIM swap fraud and SIM recycling

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## Recommendations to mitigate SS7 vulnerabilities

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## MOU between a Telecommunications Regulator and Central Bank related to DFS Security

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## Mobile Application Security Best practices

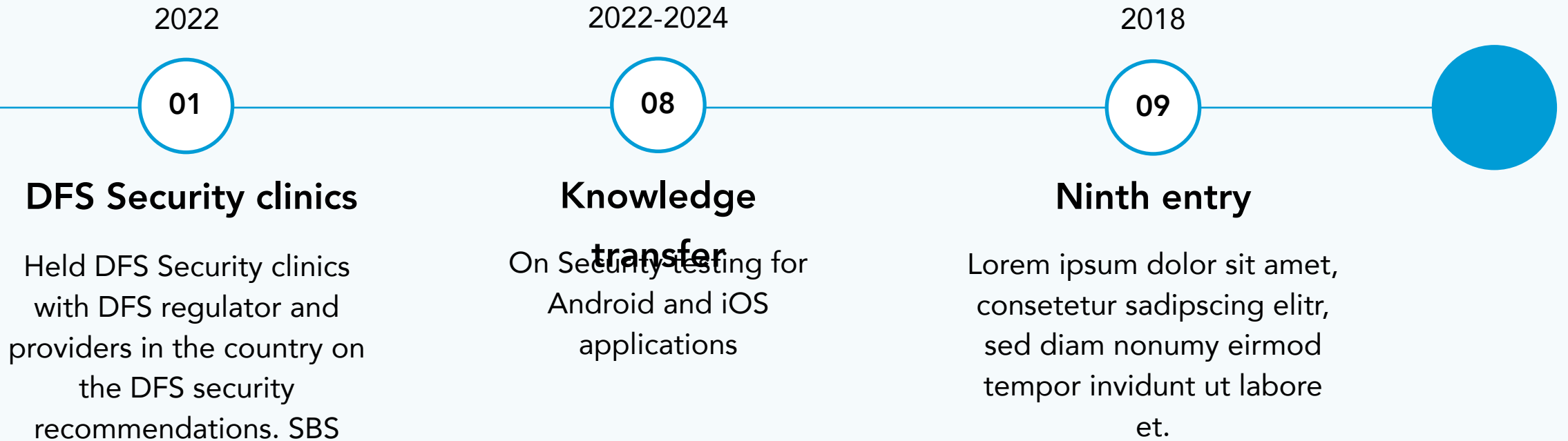
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## DFS Consumer Competency Framework

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## Case study: Peru

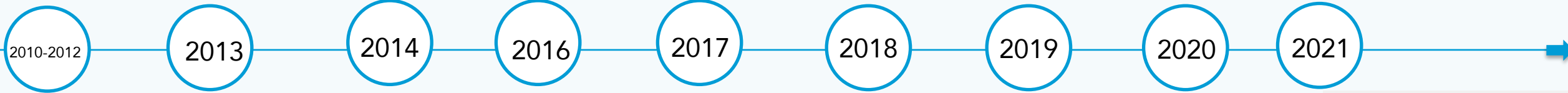


# DFS Security Recommendations overview

1. [Security recommendations to protect against DFS SIM related risks like SIM swap fraud and SIM recycling](#)
2. [Recommendations to mitigate SS7 vulnerabilities](#)
3. [Template for a Model MOU between a Telecommunications Regulator and Central Bank related to DFS Security](#)
4. [Mobile Application Security Best practices](#)
5. [DFS Consumer Competency Framework](#)



# 1. ITU & Digital Finance



**ITU DFS Security Lab**

For a common approach for regulators, developers and DFS providers to test DFS mobile apps in a complex mobile ecosystem in order to provide better the level of assurance on security against systemic vulnerabilities.

**Lab objectives**

- Collaboration with DFS regulators on DFS security
- Perform DFS security audits of DFS Apps
- Organize security drills
- Assist DFS regulators to evaluate the cyber preparedness for DFS ecosystem
- Knowledge sharing on threats to security of DFS apps
- Encourage adoption of international standards on DFS security

**Resources**

- Security testing for USSD and STK
- Security audit of Android DFS apps using OWASP Mobile Top 20 risks
- Developer resources for strong authentication using FIDO

**Get in touch**

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ITU logo and QR code





<http://www.itu.int/go/dfssl>

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**Thank you!**